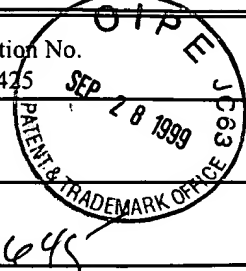


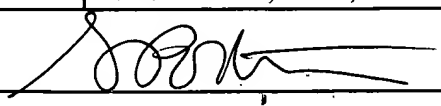
FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT		Atty Docket 113000.301		Application No. 09/300,425	
		Applicant NERI et al.			
		Filing Date April 28, 1999		Group 1641/1645	



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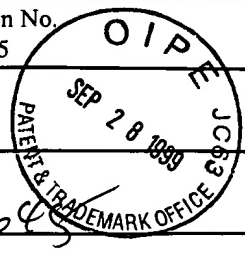
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<div style="font-size: 2em; font-family: cursive;">130</div>	<div style="font-size: 2em; font-family: cursive;">AH</div>	Judah FOLKMAN, "Angiogenesis in cancer, vascular, rheumatoid and other disease", Nature Medicine, Vol. 1, Number 1, January 1995, pages 27-31.
<div style="font-size: 2em; font-family: cursive;">AI</div>	<div style="font-size: 2em; font-family: cursive;">AI</div>	Renata PASQUALINI et al., "αv Integrins as receptors for tumor targeting by circulating ligands", Nature Biotechnology, Vol. 15, June 1997, pages 542-546.
<div style="font-size: 2em; font-family: cursive;">AJ</div>	<div style="font-size: 2em; font-family: cursive;">AJ</div>	Dario NERI et al., "Targeting by affinity-matured recombinant antibody fragments of an angiogenesis associated fibronectin isoform", Nature Biotechnology, Vol. 15, November 1997, pages 1271-1275.
<div style="font-size: 2em; font-family: cursive;">AK</div>	<div style="font-size: 2em; font-family: cursive;">AK</div>	Michael S. O'REILLY et al., "Angiostatin induces and sustains dormancy of human primary tumors in mice", Nature Medicine, Vol. 2, Number 6, June 1996, pages 689-692.
<div style="font-size: 2em; font-family: cursive;">AL</div>	<div style="font-size: 2em; font-family: cursive;">AL</div>	Xianming HUANG et al., "Tumor Infarction in Mice by Antibody-Directed Targeting of Tissue Factor to Tumor Vasculature", Science, Vol. 275, January 24, 1997, pages 547-550.
<div style="font-size: 2em; font-family: cursive;">AM</div>	<div style="font-size: 2em; font-family: cursive;">AM</div>	Patrizia CASTELLANI et al., THE FIBRONECTIN ISOFORM CONTAINING THE ED-B ONCOFETAL DOMAIN: A MARKER OF ANGIOGENESIS", Int. J. Cancer: 59, December 1, 1994, pages 612-618.
<div style="font-size: 2em; font-family: cursive;">AN</div>	<div style="font-size: 2em; font-family: cursive;">AN</div>	Dario NERI et al., "Biophysical methods for the determination of antibody-antigen affinities", Tibtech (Vol. 14), December 1996, pages 465-470.
<div style="font-size: 2em; font-family: cursive;">AO</div>	<div style="font-size: 2em; font-family: cursive;">AO</div>	E. Sally WARD et al., "Binding activities of a repertoire of single immunoglobulin variable domains secreted from <i>Escherichia coli</i> ", Nature, Vol. 341, No. 6242, October 12, 1989, pages 544-546.

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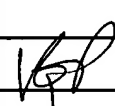

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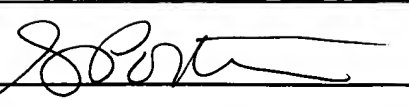
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		Applicant NERI et al.			
		Filing Date April 28, 1999		Group 1641 <i>7685</i>	



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<div style="text-align: center;">  </div>	AW	Robert E. BIRD et al., "Single Chain Antigen-Binding Proteins", Science, Vol. 242, October 21, 1988, pages 423-426.
	AX	James S. HUSTON, et al., "Protein engineering of antibody binding sites: Recovery of specific activity in an anti-digoxin single-chain Fv analogue produced in <i>Escherichia coli</i> ", Proc. Natl. Acad. Sci. USA, Vol. 85, August 1988, pages 5879-5883.
	AY	Philipp HOLLIGER, et al., "Diabodies": Small bivalent and bispecific antibody fragments", Proc. Natl. Acad. Sci. USA, Vol. 90, July 1993, pages 6444-6448.
	AZ	Philip HOLLINGER et al., "Engineering bispecific antibodies", Current Opinion in Biotechnology, Vol. 4, No. 4, 1993, pages 446-449.
	BA	Dario NERI, et al., "High-affinity Antigen Binding by Chelating Recombinant Antibodies (CRABs)", Journal of Molecular Biology, Vol. 246, No. 3, February 24, 1995, pages 367-373.
	BB	Cyrus CHOTHIA, et al., "Canonical Structures for the Hypervariable Regions of Immunoglobulins", Journal of Molecular Biology, Vol. 196, No. 4, August 20, 1987, pages 901-917.
	BC	D. NERI, et al., "Multipurpose High Sensitivity Luminescence Analyzer (LUANA): Use in Gel Electrophoresis", Biotechniques, Vol. 20, No. 4, April 1996, pages 708-712.
<div style="text-align: center;">  </div>	BD	Ian M. TOMLINSON, "The Repertoire of Human Germline V _H Sequences Reveals about Fifty Groups of V _H Segments with Different Hypervariable Loops", Academic Press, Vol. 227, No. 3, October 5, 1992.

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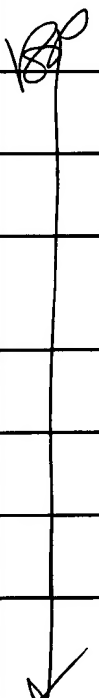
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		Applicants NERI et al.			
		Filing Date April 28, 1998		Group 1641 <i>1645</i>	



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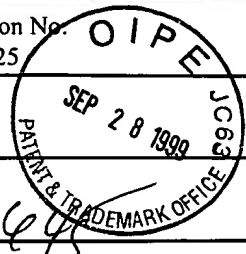
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)		
<div style="text-align: center;">  </div>	BM BN BO BP BQ BR BS BT	Jonathan P. L. COX, et al., "A directory of human germ-line V _x segments reveals a strong bias in their usage", European Journal of Immunology 4/1994, pages 827-836. James D. MARKS, et al., "By-passing Immunization Human Antibodies from V-gene Libraries Displayed on Phage", Journal of Molecular Biology, Vol. 222, No. 3, December 5, 1991, pages 581-597. Tim CLACKSON et al., "Making antibody fragments using phage display libraries", Nature, Vol. 352, August 15, 1991, pages 624-628. Hennie R. HOOGENBOOM et al., "Multi-subunit proteins on the surface of filamentous phage: methodologies for displaying antibody (FAB) heavy and light chains", Nucleic Acids Research, Vol. 19, No. 15, August 11, 1991, pages 4133-4137. Dario NERI et al., "Radioactive labeling of recombinant antibody fragments by phosphorylation using human casein kinase II and [γ - ³² P]-ATP, Nature Biotechnology, Vol. 14, No. 4, April 1996, pages 385-390. Luciano ZARDI, et al., "Transformed human cells produce a new fibronectin isoform by preferential alternative splicing of a previously unobserved exon", The Embo Journal, Vol. 6, No. 8, August 1987, pages 2337-2342. Robert SCHIER et al., "Identification of functional and structural amino-acid residues by parsimonious mutagenesis" Gene, Vol. 169 (1996), No. 2, pages 147-155. Wataru ITO, et al., "Mutations in the Complementarity-determining Regions do not cause Differences in Free Energy during the Process of Formation of the Activated Complex between an Antibody and the Corresponding Protein Antigen", Journal of Molecular Biology, Vol. 248, No. 4, May 12, 1995, pages 729-732.

Examiner <i>Scott</i>	Date Considered <i>9/00</i>
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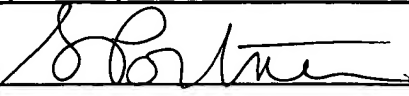
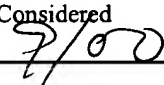
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		Applicants NERI et al.			
		Filing Date April 28, 1999		Group 1641	



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<div style="font-size: 2em; margin-top: 20px;">  </div>	CB CC CD CE CF CG CF CG	C. HAMERS-CASTERMAN, et al., "Naturally occurring antibodies devoid of light chains", International Weekly Journal of Science, Vol. 363, No. 6428, June 3, 1993, pages 446-448. U. JÖNSSON, et al., Real-Time Biospecific Interaction Analysis Using Surface Plasmon Resonance and a Sensor Chip Technology", Biotechniques, Vol. 11, No. 5, November 1991, pages 620-627. Ahuva NISSIM, et al., "Antibody fragments from a 'single pot' phage display library as immunochemical reagents", The Embo Journal, Vol. 13, No. 3, February 1, 1994, pages 692-698 Barbara CARNEMOLLA, et al., "PHAGE ANTIBODIES WITH PAN-SPECIES RECOGNITION OF THE ONCOFOETAL ANGIOGENESIS MARKER FIBRONECTIN ED-B DOMAIN", International Journal of Cancer, Vol. 68, No. 3, November 4, 1996, pages 397-405 Alessandro PINI, et al., "Hierarchical affinity maturation of a phage library derived antibody for the selective removal of cytomegalovirus from plasma", Journal of Immunological Methods, Vol. 206, nos. 1-2, 1997, pages 171-182 Daniel R. DEEVER, "A new non-isotopic detection system for immunoassays", Nature, Vol. 377, No. 6551, October 26, 1995, pages 758-760.

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		Applicants NERI et al.			
		Filing Date April 28, 1999		Group 1641	

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VSP	CO	Patricia LEE, et al., "Ocular Neovascularization: An Epidemiologic Review", Survey of Ophthalmology, Vol. 43, No. 3, Nov-Dec. 1998, pages 245-269
	CP	Martin FRIEDLANDER, et al., "Involvement of integrins $\alpha_v \beta_3$ and $\alpha_v \beta_5$ in ocular neovascular diseases", Proc. Natl. Acad. Sci. USA, Vol. 93, September 1996, pages 9764-9769
	CQ	San WAN, et al., "TRANSMITTANCE OF NONIONIZING RADIATION IN HUMAN TISSUES", Photochemistry and Photobiology, Vol. 34, 1981 pp. 679-681
	CR	Martin L. YARMUSH, et al., "Antibody Targeting Photolysis", Critical Reviews in Therapeutic Drug Carrier Systems, Vol. 10, Issue 3, 1993, pages 197-252
	CS	Paul M. ROWE, "Photodynamic therapy begins to shine", The Lancet, Vol. 351, No. 9114, May 16, 1998, page 1496.
	CT	Macular Photocoagulation Study Group, "Visual Outcome After Laser Photocoagulation for Subfoveal Choroidal Neovascularization Secondary to Age-Related Macular Degeneration", Arch. Ophthalm., Vol. 112, April 1994, Pages 480-488.
	CU	Julia G. LEVY, "Photodynamic therapy", Tibtech, Vol. 13, January 1995, pages 14-17.
	CV	Robert HAIMOVICI et al., "Localization of lipoprotein-delivered benzoporphyrin derivative in the rabbit eye", Current Eye Research, Vol. 16, No. 2, February 1997, pages 83-90.

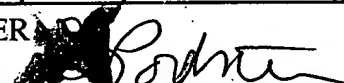
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B	DD	Ursula SCHMIDT-ERFURTH, "Photodynamic therapy of subfoveal choroidal neovascularization: clinical and angiographic examples", Graefe's Archive For Clinical and Experimental Ophthalmology, Vol. 236, No. 5, May 1998, pages 365-374					
↓	DE	Wataru ITO, et al, "Mutations in the Complementarity-determining Regions do not cause Differences in Free Energy during the Process of Formation of the Activated Complex between an Antibody and the Corresponding Protein Antigen", Journal of Molecular Biology, Vol. 248, No. 4, May 12, 1995, pages 729-732					
↓	DF	Robert J. D'AMATO, et al., "Thalidomide is an inhibitor of angiogenesis", Proc. Natl. Acad. Sci. USA., Vol. 91, No. 9, April 26, 1994, pages 4082-4085					
↓	DG	Robert FATTORUSSO et al., "NMR structure of the human oncofoetal fibronectin ED-B domain, a specific marker for angiogenesis", Structure with Folding & Design, Vol. 7, No. 4, April 1999, pages 381-390					
↓	DH	Xiao-Ming LU, et al., "Sn-chlorin e6 antibacterial immunoconjugates", Journal of Immunological Methods, Vol. 156, No. 1, 1992, pages 85-99					
↓	DI	Ian M. TOMLINSON, et al, "The structural repertoire of the human V _k domain, EMBO Journal, Vol. 14, No. 18, September 15, 1995, pages 4628-4638					
	DJ						
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SHEET 1 OF 1

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				APPLICANT NERI et al.				
				FILING DATE April 28, 1999		GROUP 1641/1645		
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